

## UWIN Meeting Minutes

SOB B110  
10:00 a.m.  
January 2, 2004

Conducting: Camille Anthony, Executive Director of Administrative Services

Attending: Board Members:  
Scott Behunin, Director DPS-DES  
Lt. Colonel Bart Berry, Director Military Support  
Carlos Braceras, Deputy Director Department of Transportation  
Steve Foote, Executive Committee Fire Chiefs' Association  
Steve Fulling, Director Information Technology Services  
Sherm Hoskins, Deputy Director Department of Natural Resources  
Lloyd Johnson, IS Director Department of Natural Resources  
Ed McConkie, Executive Director of Criminal & Juvenile Justice  
Val Oveson, CIO  
Mike Petersen, Executive Director Utah Education Network  
Steve Proctor, Director Utah Communications Agency Network  
Val Shupe, President Utah Chiefs of Police Association  
Sheriff Brad Slater, Past President Utah Sheriffs' Association

Staff:  
Phil Bates, Department of Public Safety  
Dave Fletcher, Deputy Director Department of Administrative Services  
Dave Lamb, Deputy Director HR and Finance Director

Others:  
\_\_\_\_\_? Technology representative with Utah National Guard  
Nancy McConnell, Information Technology Services  
David Lee, Information Technology Services  
Keith Barlow, Salt Lake City Corporation  
Steve Whitaker, Salt Lake City Corporation

### AGENDA

#### 1. Welcome, Camille Anthony

- Announcement of Steve Fulling's resignation from ITS effective 01/16/2004. Dave Fletcher is appointed as Interim Director of ITS
- \$500,000 set aside for Omni Link project from Health Department
- Dave Lamb to steer Finance/Budget Committee

#### 2. Status report on Goal #1, Omni Link implementation, Phil Bates

- Without the county merger UCAN is working on being done we didn't have an audio switch to attach to the new infrastructure, as their money was tied up.
- Signed contract with Motorola Tuesday, December 30<sup>th</sup>, who will be putting in the Omni Link switch. It won't impact the UCAN folks, and Motorola is also providing an audio switch for that migration period. First meeting next week.

- Equipment, after it is built and configured at Motorola's plant, will arrive in April. Probably available to start testing and evaluating in May, and we can bring up a lot of the regional centers by the July timeframe.
- Dave Lamb involved in going through the contract to make sure it was good from a financial standpoint even though the steering committee was not in place. And Doug Richens stepped in personally to negotiate favorable terms in behalf of the State with Motorola.
- The funding for this is a patchwork. Significant amount of money coming from Homeland Security dollars from the current year, and some other projects have been reprioritized to take precedent as the Governor has requested. Department of Health gave bio-terror money, UCAN offered up a credit they have with a vendor of \$500,000. The National Guard and ITS gave labor and expertise. Everybody has participated.

Steve Proctor congratulated Phil and Doug on the Motorola contract. Once we merge the county we have a spare audio switch to build a third zone and place in a critical area in the State that needs some simulcast radio coverage- Washington County comes to mind.

### **3. Status report on 700 MHz RFP, David Lee**

- In the middle of the evaluation phase. If we were to have a recommendation ready this following week, there is a two-week protest period for the responders. Four responders: Motorola, Icon, IT Mobile Net, and Data Radio. Only the first three viable. Nothing will be finalized until the 16<sup>th</sup> if there is a commitment out of the RFP. Then we can have some information on different technology and come up with some real costs regarding the different solutions regarding mobile data. Following month some presentation can be given. Radio products will not be available until six months after there was some commitment made, which is not a surprise. Logan, Tooele, and Park City the solution that is running well. We can use that experience, taking less time to implement this solution.
- Inoperability requirement with the 450 system? What are the possibilities with Motorola? In all cases it was well within the 700 forklift upgrade of those systems out there. When we talk of forklift upgrade we are talking about a whole rebuilding of the infrastructure, frequency or bandwidth.

### **4. Finance Committee, Camille Anthony**

- Most of the people suggested have been contacted. Dave Lamb will call a meeting with the assistance of Dave Fletcher while and get their assignment. They will meet within the next two weeks. Let Dave know if you have any recommendations. Requirement is that they be resourceful and have some time – monthly meetings, grant work and RFPs as projects come together.

### **5. Report on SDR / Smart Radio, Dave Fletcher**

- Boyd Webb helped prepare a Power Point presentation on hardware vs. software defined radio
  - Easier to upgrade by downloading software; not limited to physical requirements.
  - Equipment based on hardware design limited to physical capabilities.
- UWIN to look at in the future as technology develops.
- Steve Proctor in response to a question from Steve Fulling, "similar trunk system going on at UCAN?" said it is a broader, wider, distribution of a radio system. The software defined radio in

its infancy and expensive. Used by the military now and yet to be determined on how to migrate it into the private and public sector.

## **6. Status report on enterprise security solution, Steve Fulling**

### **12. Wireless on Capitol Hill**

Working on a prototype implementation of enterprise authentication and security for 802.11 for deployment in this building and the Capitol. Nancy McConnell gave an update of new buildings along with it.

- Developed a secure interoperable 802.11 solution that can be used by the enterprise system.
- Completed the architectural design development testing based on 802.1X standard port security.
- Completed access control for authorized users using Radius server and UMD (Utah Master Directory)
- Completed Version 1 hardware and software, access claims, wireless cards, and client software.
- Billed and provided installation instructions to install the 802.11. Upgrading pilot sites; three hot spots for Public Safety. Provision process: how to take orders and how to deliver.
- Capitol Hill: New buildings only.
  - Capitol Preservation Board has agreed for ITS to maintain their system. April 1 is the target date.
  - Need clarification amount. Have been given a DASID code. Limited coverage area depending on how much money we can come up with. Not anticipating monthly charges – only initial installation. If we find it will be more costly
  - Steve F said infrastructural costs would need to be reconciled. Potential users here are not statewide area coverage. Some sort of LAN charge will be appropriate.
  - Security: what are the ongoing costs for agencies to have that solution. Currently model is we will recover immediately; we will charge them the cost of material and time to install.
  - Cell phones would become interoperable with our system. System will accommodate all areas: employees, public, vendors, etc.
  - An issue now is that the current Legislature – House and Senate - currently have separate systems unless they convert. In the interim if necessary work directly with them for coverage and security.
  - Steve F answered in a question regarding security evolving with pilot project that security on 802.11 has lagged behind technology; however 802.1X is the standard, safe to lockdown and ready to roll out in a secure fashion.
  - Public having access is a policy issue. Guiding rule is public access is secondary. Public access being walled off would be an architectural issue. Steve said the issue is it is funded on the backs of the LAN users and how we fund the public access. In general if 802.1X all cards should work.

## **7. Salt Lake City, Ken Bullock**

Potential partnership..... Open discussions and talk have helped everyone work together.

- The Omni Link direction works very well into the City plans; fits into redundancy, cost effectiveness, and technology. It appears to be very financial and technically feasible for City and State. We would like to be a good team player.

- Mr. Gearheart plans to present a plan to City council this month to purchase the latest technology – zone controller that is Omni Link compatible. Ken Bullock asked Network manager for the City, Keith Barlow to go over their information. Steve Whitaker is their Technical Consultant. City Council meeting to be scheduled in January.
- Want to be cooperative in securing money to pay for the system.
- Working to secure wireless in all areas: standardization of software solutions; continuation of current efforts on pilot criminal identification projects both hardware and software; issue between City, State and Counties to share applications, business licensing, web-based building permits and other services applications.
- Steve P asked about the City buying a new radio system to consolidate and hoping to tie into Omni Link. Issue with not connecting to the State system now; need redundancy (the State could use it also). Vendors have been determined, and the time frame is to be recommended by the Council - hopefully before April. Funding: available for the radio system, hammering out departmental agreements, grants in place, and offers of discounts from vendors.
- Coming to State for funding? Must do what is best for the widest population. Sensitivities between the City and UCAN.
- Discussions to continue. Technology is helping to solve many issues. Sharing IT information, opening up communication, coordinating, and having consistency would be helpful. City is always welcome at the UWIN meetings to keep the dialogue open.

#### **8. Utah National Guard, Lt. Col. Bart Berry**

Units have been activated, and a lot going on in Homeland Security. State helped them get their secure VPC link up on Christmas Eve, developing a good rapport with the technicians. Omni Link will be a help in technology-solving communicative systems at a relatively low cost. IT will participate to help bring solutions in Spectrum seminar.

#### **9. Safecom Spectrum Seminar, Steve Proctor**

Seminar scheduled for January 22 at 8:00 a.m. at the Sheraton City Center. Email notifications should be coming out. Preregistering available; send as many persons as you would like – room for 150-200 people. Agenda has been set. It should be a good educational experience regarding frequency issues - not technical, but a basic overview on how it will affect each of us.

#### **9. Technical Committee Report, Doug Chandler**

- Toby Adamson from National Guard and official Federal member.
- Graphical presentation shows 33 additional locations other than what we have now with maps indicating coverage. Boyd Webb ran computer projections of what the coverage will look like.
- Assumptions: initial costs down to \$260,000 in circuits, site rental costs, and stations. One year is covered for ongoing costs. Interference issues; some issues of installation may pop up, depending on costs of parts and repairs.
- ITS to maintain rural areas needing to be identified.
- Interoperability, Omni Link: teams to be nominated for establishing projects. Avoid perception that only one factor is prevailing.

## 11. Action Items for January 2004, Camille Anthony

### Updates:

- Utah National Guard exercise coming up. State exercise in Washington County area which will acclimate to the IPP Guard. UEN offered its video conferencing. Camille asked if a high school location could be involved in the exercise? Delta has a location which may be available as a potential resource.
- Wireless 911 location identification is a hot topic and is a critical issue. Meeting with the sponsor of the 911 Bill, Brad Bean, several weeks ago. Passed the Committee (HB36) as a committee bill.
  - Would provide a forum for actually presenting some of the ideas, which will help us, move forward. One of the biggest actions we have is the Omni Link issue.
  - How many 911 centers still out there that are not part of this. We have counties and cities that are not up to E911.
  - The new legislation increases the ability of the local agencies to increase their fee to cover the costs. It also adds a new charge that creates a centralized pool to be used to enhance those who don't collect enough resources. It will give the committee that administers that pot the ability to assist in those areas
  - Questions that may challenge the Bill: Why are we subsidizing rural Utah? Decisions must be based on the greater good. It may be looked at as lose of control or State takeover.
  - The League has been invited to be here. Requested to be put on the spring agendas for UAC and the League to talk about it.
  - Omni Link Regional Center was to get us a presence. Plan is to take this to the steering committee to identify those not connected and prioritize which ones we bring in – remote consoles to into some existing facility. Open invitation to have our members speak to your groups as backup to promote these issues.
- IT association: Dave Fletcher said there are several informal gatherings which are sparsely attended. An association would be a good idea. IT staffs are welcome to attend this meeting.

Minutes of December meeting were posted to the UWIN website. January and future monthly minutes will be posted on the UWIN website and a vote at the following meeting taken to approve. Minutes were approved for 12/05/03.

Next meeting: Friday, February 6, 2004, at 10:00 a.m. in the SOB, B110